

As below-named inventors, we hereby declare that:

Our residences, post office addresses and citizenships are as stated below next to our names.

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING POLYMORPHIC GENETIC MARKERS

the specification of which

- () is attached hereto.
- (X) was filed by an authorized person on my behalf on October 13, 2000 as Application Serial No. 09/687,483.
- () was amended on _____

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the examination of this
application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

We hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate listed below and so identified, or §365(a) of any PCT international application that designated at least one country other than the United States of America, listed below, and we have also identified below any foreign application for patent or inventor's certificate or PCT international application on this invention filed by us or our legal representatives or assigns and having a filing date before that of the application on which priority is claimed.

•

Number Country

Day/Month/Year Filed

Priority
Claimed
(Yes or No)

See paper No. \$19

We hereby claim benefit under Title 35, United States Code, \$119(e)-of-any United States provisional application(s) listed below:

Application Serial No.

60/217,658 60/159,176 60/217,251

N/A

Filing Date
July 10, 2000

October 13, 1999

July 10, 2000

RECEIVED

FEB 2 7 2001

HELLER EHRMAN

We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No. Filing Date Status
09/663,968 September 19, 2000

PCT Application No. Filing Date Status

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Attorney	Reg. No.
Stephanie Seidman	33,779
Gary H. Silverstein	39,372
Paula K. Schoeneck	39,362
Dale L. Rieger	43,045

Address for correspondence:

Stephanie Seidman

HELLER EHRMAN WHITE & McAULIFFE LLP

4250 Executive Square

7th Floor

	\wedge \wedge
Full name of joint inventor:	Hubert Köster
Inventor's signature:	
Date:	02/15/01
Residence:	La Jolla, California
Post Office Address:	8636-C Via Mallorca Dr. La Jolla, California, 92037
Citizenship:	Germany
Full name of joint inventor:	Andreas Braun
Inventor's signature:	
Date:	
Residence: Post Office Address:	San Diego, California 11237-6 Carmel Creek Road
Post Office Address:	San Diego, California, 92030
Citizenship:	U.S.A.
Citizensinp.	<u> </u>
Full name of joint inventor:	Dirk Van Den Boom
Inventor's signature:	
Date:	
	H. where Correction
Residence: Post Office Address:	Hamburg, Germany Eppendorfer Weg 205 D
. Ost Office Address.	20253 Hamburg, Germany
Citizenship:	Germany
Okizerialiip.	

Geo Rufer No.03

Full name of joint inventor:	Yip Ping
Inventor's signature:	
Date:	
Residence: Post Office Address:	San Diego, California 3641 Copley Avenue San Diego, California, 92116
Citizenship:	U.S.A.
Full name of joint inventor:	Charlie Rodi
'Inventor's signature:	
Dat:	
Residence: Post Office Address:	Del Mar, California 13823 Recuerdo Drive Del Mar, California, 92104
Citizenship:	U.S.A.
Full name of joint inventor:	Liyan He
Inventor's signature:	
Date:	
Residence: Post Office Address:	San Diego, California 10948 Creek Bridge Place San Diego, California
Citizenship:	China

Full name of joint inventor:	Norman Chiu
Inventor's signature:	
Date:	
Residence: Post Office Address:	San Diego, California 1128 Caminito Alvarez San Diego, California, 92126
Citizenship:	Canada
Full name of joint inventor:	Christian_Jurinke -
Inventor's signature:	
Date:	
Residence: Post Office Address:	Hamburg, Germany Rombergstrasse 22 20255 Hamburg, Germany
Citizenship:	Germany

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> **Priority** Claimed

Country <u>Number</u>

Day/Month/Year Filed

(Yes or No)

N/A

We hereby claim benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

Filing Date Application Serial No. July 10, 2000 60/217,658 October 13, 1999 60/159,176 July 10, 2000 60/217,251

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Attorr D cket N . 24736-2033

Application Serial No.

Filing Date

Status

09/663,968

September 19, 2000

PCT Application No.

Filing Date

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Gary H. Silverstein Paula K. Schoeneck	33,779 39,372 39,362 43,045

Address for correspondence:

Stephanie Seidman

HELLER EHRMAN WHITE & McAULIFFE LLP

4250 Executive Square

7th Floor

Att Docket N . 24736-2033

Full name of joint inventor:	Hubert Köster
Inventor's signature:	
Date:	
Residence: Post Office Address: Citizenship:	La Jolla, California 8636-C Via Mallorca Dr. La Jolla, California, 92037 Germany
Full name of joint inventor:	
Inventor's signature:	12-15-00
Date:	12-15-00
Residence: Post Office Address:	San Diego, California 11237-6 Carmel Creek Road San Diego, California, 92030
Citizenship:	U.S.A.
Full name of joint inventor: Inventor's signature:	Dirk Van Den Boom
Date:	
Residence: Post Office Address:	Hamburg, Germany Eppendorfer Weg 205 D 20253 Hamburg, Germany
Citizenship:	Germany

Atto Docket N . 24736-2033

Full name of joint inventor:	Yip Ping
Inventor's signature:	
Date:	
Residence: Post Office Address:	San Diego, California 3641 Copley Avenue San Diego, California, 92116
Citizenship:	U.S.A.
Full name of joint inventor:	Charlie Rodi
Inventor's signature:	
Date:	
Residence: Post Office Address:	Del Mar, California 13823 Recuerdo Drive Del Mar, California, 92104
Citizenship:	U.S.A.
Full name of joint inventor:	Liyan He
Inventor's signature:	
Date:	
Residence: Post Office Address:	San Diego, California 10948 Creek Bridge Place San Diego, California
Citi-anabia:	China

Att r D cket No. 24736-2033

Full name of joint inventor:	Norman Chiu
Inventor's signature:	
Date:	
Residence:	San Diego, California
Post Office Address:	1128 Caminito Alvarez
1 Ost Office Address:	San Diego, California, 92126
Citizenship:	Canada
Citizonamp.	
	•
Full name of joint inventor:	Christian Jurinke
Inventor's signature:	
•	
Date:	
	Harabara Cormony
Residence:	Hamburg, Germany
Post Office Address:	Rombergstrasse 22
	20255 Hamburg, Germany
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60/159,176	October 13, 1999
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Att ri Docket No. 24736-2033

Application Serial No. 09/663,968

Filing Date September 19, 2000 **Status**

PCT Application No.

Filing Date

<u>Status</u>

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Dale L. Rieger	43,045

Address for correspondence:

Stephanie Seidman

HELLER EHRMAN WHITE & McAULIFFE LLP

4250 Executive Square

7th Floor

Atto Docket No. 24736-2033

Full name of joint inventor:	Hubert Köster
Inventor's signature:	
Date:	
Residence: Post Office Address:	La Jolla, California 8636-C Via Mallorca Dr. La Jolla, California, 92037
Citizenship:	Germany
Full name of joint inventor:	Andreas Braun
Inventor's signature:	
Date:	
Residence: Post Office Address:	San Diego, California 11237-6 Carmel Creek Road San Diego, California, 92030
Citizenship:	U.S.A.
Full name of joint inventor:	Dirk Van Den Boom
Inventor's signature:	D. O. d. Do
Date:	2000/12/20
Residence: Post Office Address:	Hamburg, Germany Eppendorfer Weg 205 D 20253 Hamburg, Germany
Citizanshin:	Germany

Attor Docket No. 24736-2033

Full name of joint inventor:	Yip Ping
Inventor's signature:	
Date:	·
Residence: Post Office Address:	San Diego, California 3641 Copley Avenue San Diego, California, 92116
Citizenship:	U.S.A.
Full name of joint inventor:	Charlie Rodi
Inventor's signature:	
Date:	
Residence: Post Office Address:	Del Mar, California 13823 Recuerdo Drive Del Mar, California, 92104
Citizenship:	<u>U.S.A.</u>
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Inventor's signature:	
Date:	
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Attorn Pocket No. 24736-2033

Application Serial No.

Filing Date

Status

09/663,968

September 19, 2000

PCT Application No.

Filing Date

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Stephanie Seidman

HELLER EHRMAN WHITE & McAULIFFE LLP

4250 Executive Square

7th Floor

Full name of joint inventor:	Hubert Köster
Inventor's signature:	·
Date:	
Residence: Post Office Address:	La Jolla, California 8636-C Via Mallorca Dr. La Jolla, California, 92037
Citizenship:	Germany
Full name of joint inventor:	Andreas Braun
Inventor's signature:	
Date:	
Residence: Post Office Address:	San Diego, California 11237-6 Carmel Creek Road San Diego, California, 92030
Citizenship:	U.S.A.
Full name of joint inventor:	Dirk Van Den Boom
Inventor's signature:	
Date:	
Residence: Post Office Address:	Hamburg, Germany Eppendorfer Weg 205 D 20253 Hamburg, Germany
Citizenship:	Germany

Full name of joint inventor:	Yip Ping
Inv ntor's signature:	my mi
Date:	[1/23/2001
Residence: Post Office Address:	San Diego, California 3641 Copley Avenue San Diego, California, 92116
Citizenship:	<u>U.S.A.</u>
Full-name of joint inventor:	-Charlie Rodi
Inventor's signature:	
Date:	
Residence: Post Office Address:	Del Mar, California 13823 Recuerdo Drive Del Mar, California, 92104
Citizenship:	U.S.A.
Full name of joint inventor:	Liyan He
Inventor's signature:	
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Residence: Post Office Address:	San Diego, California 10948 Creek Bridge Place San Diego, California
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Full name of joint inventor:	Norman Chiu
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Attorp Docket No. 24736-2033

Application Serial No. 09/663,968

Filing Date September 19, 2000 **Status**

PCT Application No.

Filing Date

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Attor D ck t No. 24736-2033

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Full name of joint inventor:	Charlie Rodi
Inventor's signature:	Charlie Kadi
Date:	Marie Kadi 12/20/2000
Residence: Post Office Address:	Del Mar, California 13823 Recuerdo Drive Del Mar, California, 92104
Citizenship:	U.S.A.
Full name of joint inventor:	Liyan He
Inventor's signature:	
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Post Office Address:	10948 Creek Bridge Place San Diego, California
Citizenship:	China

Attor Docket No. 24736-2033

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	'
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We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

We hereby appoint the following attorneys and agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith and request that all correspondence and telephone calls in respect to this application be directed to Stephanie Seidman, HELLER EHRMAN WHITE & McAULIFFE LLP, 4250 Executive Square, 7th FLOOR, LaJolla, California 92037-9103:

Attorney	Reg. No.
Stephanie Seidman	33,779
Gary H. Silverstein	39,372
Paula K. Schoeneck	39,362
Dale L. Rieger	43,045

Addr ss for correspondence:

Stephanie Seidman

HELLER EHRMAN WHITE & McAULIFFE LLP

4250 Executive Square

7th Floor

Full name of joint inventor:	Hubert Köster
Inventor's signature:	
Date:	
Residence: Post Office Address:	La Jolla, California 8636-C Via Mallorca Dr. La Jolla, California, 92037
Citizenship:	Germany
Full name of joint inventor:	Andreas Braun
Inventor's signature:	·
Date:	·
Residence: Post Office Address:	San Diego, California 11237-6 Carmel Creek Road San Diego, California, 92030
Citizenship:	U.S.A.
Full name of joint inventor:	Dirk Van Den Boom
Inventor's signature:	
Date:	
Residence: Post Office Address:	Hamburg, Germany Eppendorfer Weg 205 D 20253 Hamburg, Germany
Citizenship:	Germany

Full name of joint inventor:	Yip Ping
Inventor's signature:	
Date:	·
Residence: Post Office Address:	San Diego, California 3641 Copley Avenue San Diego, California, 92116
Citizenship:	U.S.A.
Full name of joint inventor:	Charlie Rodi
Inventor's signature:	
Date:	
Residence: Post Office Address: Citizenship:	Del Mar, California 13823 Recuerdo Drive Del Mar, California, 92104 U.S.A.
·	
Full name of joint inventor:	Liyan He
Inventor's signature:	12/14/06
Date:	
R sidence: Post Office Address:	San Diego, California 10948 Creek Bridge Place San Diego, California
Citizanahini	China 11-5. A. 14 12/14/00

Full name of joint inventor:	Norman Chiu
Inventor's signature:	
Date:	
Residence: Post Office Address:	San Diego, California 1128 Caminito Alvarez San Diego, California, 92126
Citizenship:	Canada
Full name of joint inventor:	Christian Jurinke
Inventor's signature:	
Date:	
Residence: Post Office Address:	Hamburg, Germany Rombergstrasse 22 20255 Hamburg, Germany
Citizanshin:	Germany

As below-named inventors, we hereby declare that:

Our residences, post office addresses and citizenships are as stated below next to our names.

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING POLYMORPHIC GENETIC MARKERS

the specification of which

- is attached hereto. ()
- was filed by an authorized person on my behalf on October 13, 2000 as Application (X) Serial No. 09/687,483.
- was amended on _

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

We hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate listed below and so identified, or §365(a) of any PCT international application that designated at least one country other than the United States of America, listed below, and we have also identified below any foreign application for patent or inventor's certificate or PCT international application on this invention filed by us or our legal representatives or assigns and having a filing date before that of the application on which priority is claimed.

> Priority Claimed

Number

Country

Day/Month/Year Filed

(Yes or No)

N/A

We hereby claim benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

Application Serial No.	Filing Date
60/217,658	July 10, 2000
60/159,176	October 13, 1999
60/217,251	July 10, 2000

We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.

Filing Date

Status

09/663,968

September 19, 2000

PCT Application No.

Filing Date

Status

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Date:	
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Inventor's signature:	
Date:	
Residence: Post Office Address:	Hamburg, Germany Eppendorfer Weg 205 D 20253 Hamburg, Germany
Citizenship:	Germany

Full name of joint inventor:	Yip Ping
Inventor's signature:	
Date:	
Residence: Post Office Address:	San Diego, California 3641 Copley Avenue San Diego, California, 92116
Citizenship:	<u>U.S.A.</u>
Full name of joint inventor:	Charlie Rodi
Inventor's signature:	
Date:	
Residence: Post Office Address:	Del Mar, California 13823 Recuerdo Drive Del Mar, California, 92104
Citizenship:	U.S.A.
Full name of joint inventor:	Liyan He
Inventor's signature:	
Date:	
Residence: Post Office Address:	San Diego, California 10948 Creek Bridge Place San Diego, California
Citizenship:	China

Full name of joint inventor:	Norman Chiu
Inventor's signature:	Case
Date:	Dec 22, 2000
Residence: Post Office Address:	San Diego, California 11128 Caminito Alvarez San Diego, California, 92126
Citizenship:	Canada
	•
Full name of joint inventor:	Christian Jurinke
Inventor's signature:	
Date:	
Residence: Post Office Address:	Hamburg, Germany Rombergstrasse 22 20255 Hamburg, Germany
Citizenship:	Germany

MAR 0 9 200

DECLARATION FOR PATENT APPLICATION

As below-named inventors, we hereby declare that:

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> Priority Claimed

Number

Country

Day/Month/Year Filed

(Yes or No)

N/A

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Filing Date Application Serial No. July 10, 2000 60/217,658 October 13, 1999 60/159,176 July 10, 2000 60/217,251

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Application Serial No. 09/663,968

Filing Date September 19, 2000 **Status**

PCT Application No.

Filing Date

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Full name of joint inv ntor:	Yip Ping
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Citizenship:	U.S.A.
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Citizenship:	Canada
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Full name of joint inventor:	Christian Jurinke
Inventor's signature:	14. of Docember 7000
Date:	14. of Docember 7000
Residence: Post Office Address:	Hamburg, Germany Rombergstrasse 22 20255 Hamburg, Germany
Citizenship:	Germany